

<b>RDT&amp;E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)</b>								DATE <b>February 1999</b>		
BUDGET ACTIVITY <b>4 - Demonstration and Validation</b>				PE NUMBER AND TITLE <b>0603438F Space Control Technology</b>				PROJECT <b>2611</b>		
COST (\$ In Thousands)	FY 1998 Actual	FY 1999 Estimate	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	Cost to Complete	Total Cost
2611 Technology Insertion Planning and Analysis	0	7,479	9,822	9,814	9,799	9,785	9,773	9,762	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0	0

**(U) A. Mission Description**

This program supports a range of activities including technology planning, development, demonstrations and prototyping, as well as modeling, simulations and exercises to support development of tactics and procedures in the Space Control mission area. The types of Space Control activities accomplished are protection, prevention, negation, and space surveillance. Protection includes active and passive defensive activities to protect U.S. and friendly space-systems assets, resources, and operations from enemy attempts to negate or interfere. Prevention limits or eliminates an adversary's ability to use U.S. space systems and services for purposes hostile to U.S. national security interests. Negation activities disrupt, deny, or degrade an adversary's space systems, or the information they provide, which may be used for purposes hostile to U.S. national security interests. Surveillance and Battle Management C4I, are the monitoring, detecting, identifying, tracking, assessing, verifying, categorizing, and characterizing objects and events in space for use in the Space Control mission area.

Congress directed SECDEF submit a report that describes the Secretary's plan for executing the space control technology funds and the plan for continuing these efforts in FY 2000 and beyond. This report, which is still in staffing, will provide additional details on the activities to be pursued within this program element.

**(U) FY 1998 (\$ in Thousands):**

- (U) \$ 0 Not Applicable

**(U) FY 1999 (\$ in Thousands):**

- (U) \$ 7,252 Technology planning, development, demonstrations, prototyping, modeling, simulation and exercises to support development of tactics and procedures in the Space control mission area.
- (U) \$ 227 Identified as a source for SBIR
- (U) \$ 7,479 Total

**(U) FY 2000 (\$ in Thousands):**

- (U) \$ 9,822 Technology planning, development, demonstrations, prototyping, modeling, simulation and exercises to support development of tactics and procedures in the Space control mission area.
- (U) \$ 9,822 Total

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<p>(U) <u>FY 2001 (\$ in Thousands):</u></p> <ul style="list-style-type: none"> <li>– (U) \$ 9,814 Technology planning, development, demonstrations, prototyping, modeling, simulation and exercises to support development of tactics and procedures in the Space control mission area.</li> <li>– (U) \$ 9,814 Total</li> </ul> <p>(U) <b>B. <u>Budget Activity Justification</u></b>  This program is in budget activity 4 - Demonstration and Validation, Research Category 6.3B, because it supports the research, demonstration, and validation of Space Control technologies.</p> <p>(U) <b>C. <u>Program Change Summary (\$ in Thousands)</u></b></p> <table style="width: 100%; border-collapse: collapse; margin-top: 20px;"> <thead> <tr> <th style="width: 40%;"></th> <th style="width: 10%; text-align: center;"><u>FY 1998</u></th> <th style="width: 10%; text-align: center;"><u>FY 1999</u></th> <th style="width: 10%; text-align: center;"><u>FY 2000</u></th> <th style="width: 10%; text-align: center;"><u>FY 2001</u></th> <th style="width: 10%; text-align: center;"><u>Total Cost</u></th> </tr> </thead> <tbody> <tr> <td>(U) Previous President's Budget (FY 1999 PB)</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>(U) Appropriated Value</td> <td></td> <td style="text-align: center;">7,500</td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) Adjustments to Appropriated Value</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="padding-left: 20px;">a. Cong Reductions</td> <td></td> <td style="text-align: center;">-21</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="padding-left: 20px;">b. SBIR</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="padding-left: 20px;">c. Omnibus or Other Above Threshold Reprogram</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="padding-left: 20px;">d. Below Threshold Reprogramming</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) Adjustments to Budget Years Since FY 1999 PB</td> <td style="text-align: center;">0</td> <td style="text-align: center;">7,479</td> <td style="text-align: center;">9,822</td> <td style="text-align: center;">9,814</td> <td style="text-align: center;">9,799</td> </tr> <tr> <td>(U) Current Budget Submit (FY 2000 PB)</td> <td style="text-align: center;">0</td> <td style="text-align: center;">7,479</td> <td style="text-align: center;">9,822</td> <td style="text-align: center;">9,814</td> <td style="text-align: center;">9,799</td> </tr> </tbody> </table> <p>(U) Significant Program Changes:  FY99: \$227 identified as a source for SBIR  Funding: FY00 and FY01 adjustments fund technology planning, development, demonstrations, prototyping, modeling, simulation and exercises to support development of tactics and procedures in the Space control mission area.</p>				<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>Total Cost</u>	(U) Previous President's Budget (FY 1999 PB)	0	0	0	0	0	(U) Appropriated Value		7,500				(U) Adjustments to Appropriated Value						a. Cong Reductions		-21				b. SBIR						c. Omnibus or Other Above Threshold Reprogram						d. Below Threshold Reprogramming						(U) Adjustments to Budget Years Since FY 1999 PB	0	7,479	9,822	9,814	9,799	(U) Current Budget Submit (FY 2000 PB)	0	7,479	9,822	9,814	9,799
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(U) <b>D. <u>Other Program Funding Summary (\$ in Thousands)</u></b>											
		<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>To Compl</u>	<u>Total Cost</u>
(U) Not Applicable											
(U) <b>E. <u>Acquisition Strategy</u></b>											
The SecDef will submit a report to the Congress on or before 15 February 1999. Following congressional review of this report the Air Force will implement an appropriate acquisition strategy that is consistent with the report and the results of the Air Force's modernization planning process.											
(U) <b>F. <u>Schedule Profile</u></b>											
		<u>FY 1998</u>			<u>FY 1999</u>			<u>FY 2000</u>		<u>FY 2001</u>	
	1	2	3	4	1	2	3	4	1	2	3
(U) SecDef Report to Congress											
X											

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<b>RDT&amp;E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)</b>							DATE <b>February 1999</b>				
<b>BUDGET ACTIVITY</b> <b>4 - Demonstration and Validation</b>					<b>PE NUMBER AND TITLE</b> <b>0603438F Space Control Technology</b>					<b>PROJECT</b> <b>2611</b>	

  

(U) A. Project Cost Breakdown (\$ in Thousands)

	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>
(U) Space Control technology insertion planning and analysis	0	7,252	9,822	9,814
(U) Identified as a source for SBIR		227		
(U) Total	0	7,479	9,822	9,814

  

(U) B. Budget Acquisition History and Planning Information (\$ in Thousands)

**Performing Organizations:**

Contractor or Government Performing Activity	Contract Method/Type or Funding Vehicle	Award or Obligation Date	Performing Activity EAC	Project Office EAC	Total Prior to <u>FY 1998</u>	Budget <u>FY 1998</u>	Budget <u>FY 1999</u>	Budget <u>FY 2000</u>	Budget <u>FY 2001</u>	Budget to Complete	Total Program
Identified as a source for SBIR						227					

  

Product Development Organizations  
TBD

  

Support and Management Organizations  
TBD

  

Test and Evaluation Organizations  
TBD

  

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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)							DATE February 1999			
BUDGET ACTIVITY <b>4 - Demonstration and Validation</b>				PE NUMBER AND TITLE <b>0603438F Space Control Technology</b>			PROJECT <b>2611</b>			
<b>(U) B. <u>Budget Acquisition History and Planning Information Continued (\$ in Thousands)</u></b>										
<b>Government Furnished Property:</b>										
Item	Contract Method/Type or Funding <u>Vehicle</u>	Award or Obligation <u>Date</u>	Delivery <u>Date</u>	Total Prior to <u>FY 1998</u>	Budget <u>FY 1998</u>	Budget <u>FY 1999</u>	Budget <u>FY 2000</u>	Budget <u>FY 2001</u>	Budget to Complete	Total Program
None										
<u>Product Development Property</u>										
<u>Support and Management Property</u>										
<u>Test and Evaluation Property</u>										
Subtotal Product Development				N/A	N/A	TBD	TBD	TBD	Cont	Cont
Subtotal Support and Management				N/A	N/A	TBD	TBD	TBD	Cont	Cont
Subtotal Test and Evaluation				N/A	N/A	TBD	TBD	TBD	Cont	Cont
Total Project				N/A	N/A	7,479	9,822	9,814	Continuing	Continuing
Project 2611										

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